

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061750.D
 Acq On : 16 Nov 2024 17:25
 Operator : MD/SY
 Sample : P4804-20DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T4DL

Quant Time: Nov 18 00:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

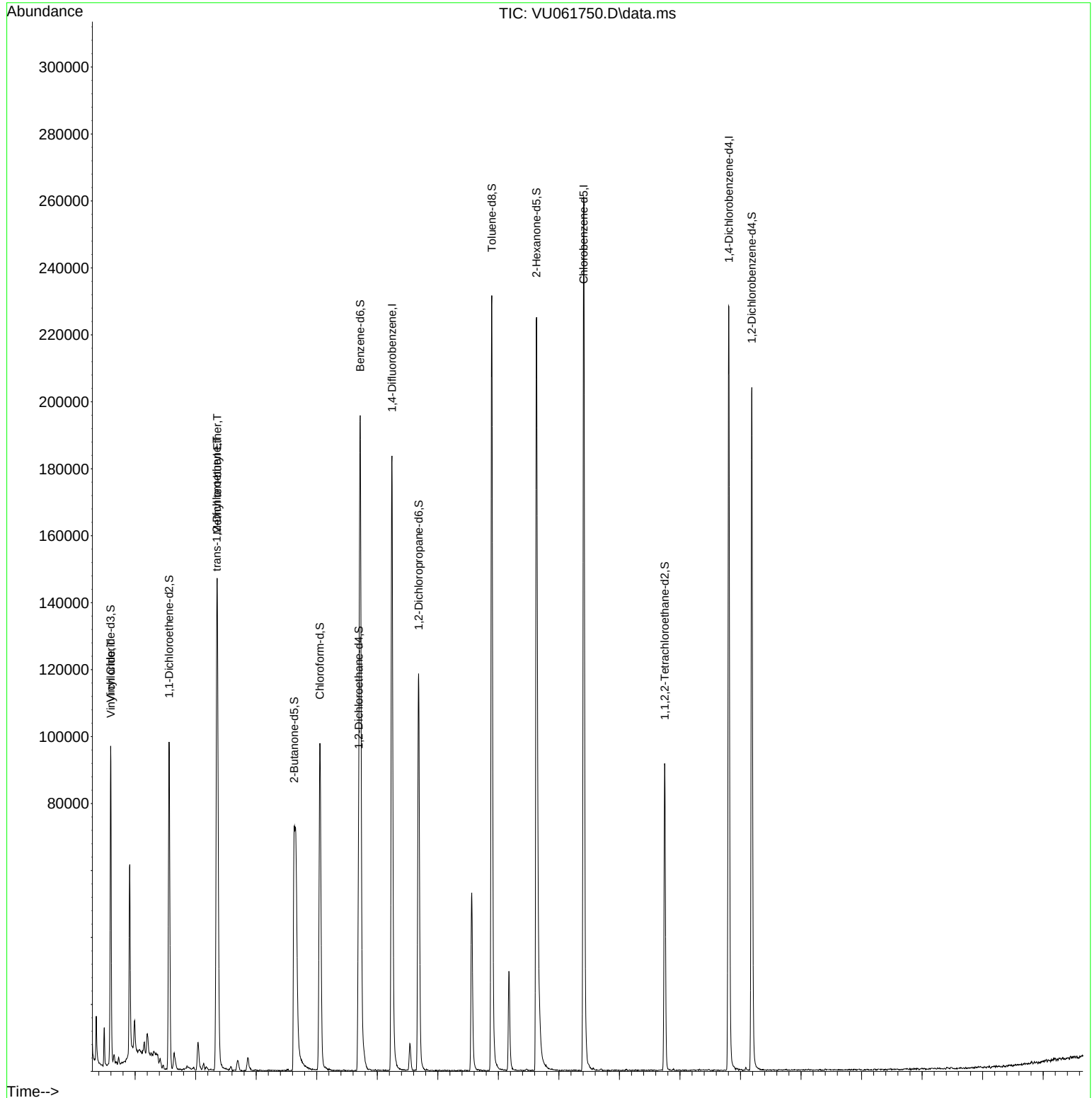
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	163777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39585	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	40098	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	17855	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.628	46	110572	49.230	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.460%
24) Chloroform-d	5.052	84	92606	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	49188	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	190101	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	60667	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	168875	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	18495	3.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.628	63	89096	48.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47200	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57093	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
5) Vinyl chloride	1.599	62	14201	1.165	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	154609	6.380	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	6965	0.642	ug/L	86
19) 1,1-Dichloroethane	3.862	63	5032	0.255	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	23987	1.961	ug/L	96

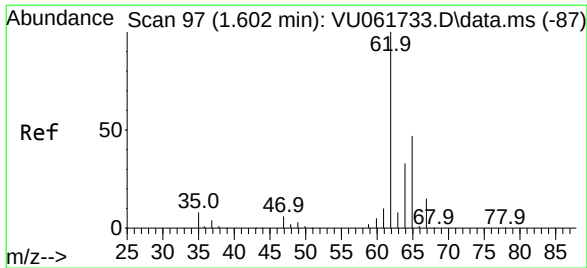
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
Response via : Initial Calibration

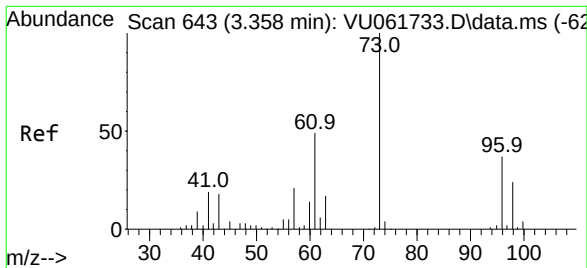
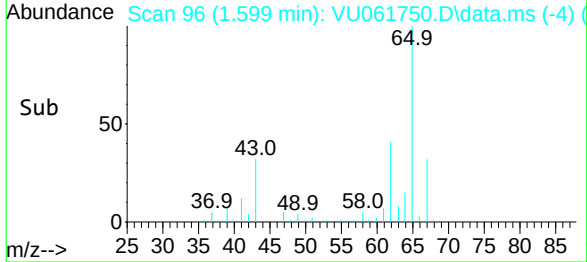
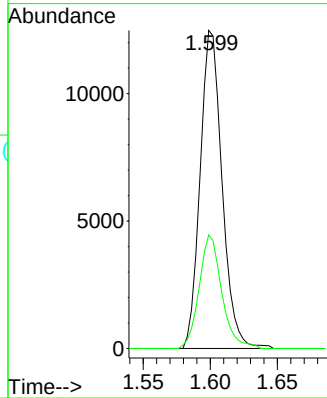
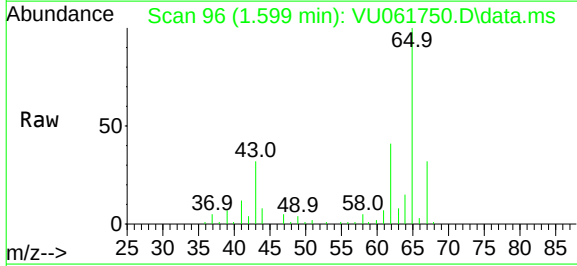




#5
 Vinyl chloride
 Concen: 1.165 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU061750.D
 Acq: 16 Nov 2024 17:25

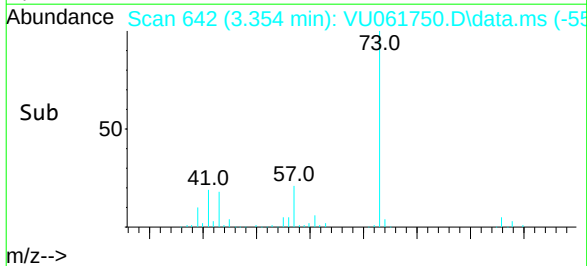
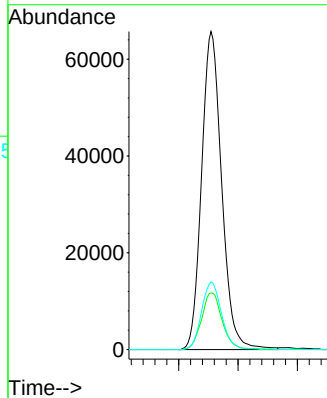
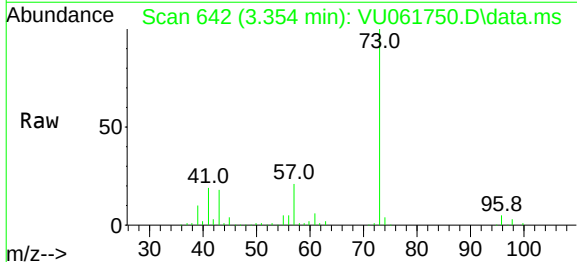
Instrument :
 MSVOA_U
 ClientSampleId :
 H46T4DL

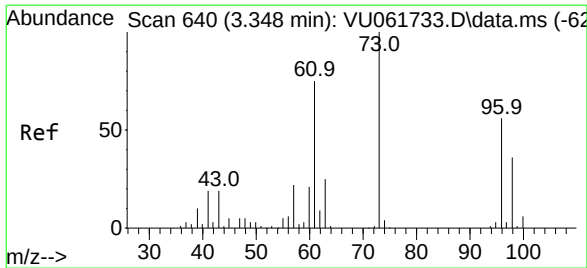
Tgt Ion: 62 Resp: 14201
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.7 44.1



#17
 Methyl tert-butyl Ether
 Concen: 6.380 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.003 min
 Lab File: VU061750.D
 Acq: 16 Nov 2024 17:25

Tgt Ion: 73 Resp: 154609
 Ion Ratio Lower Upper
 73 100
 43 18.3 14.2 21.4
 57 21.1 16.9 25.3

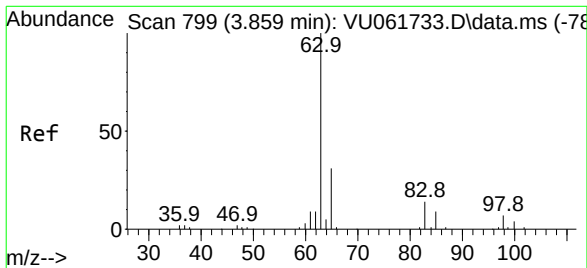
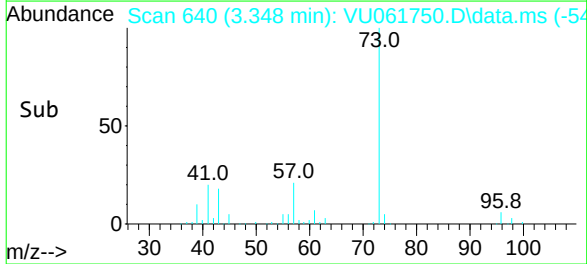
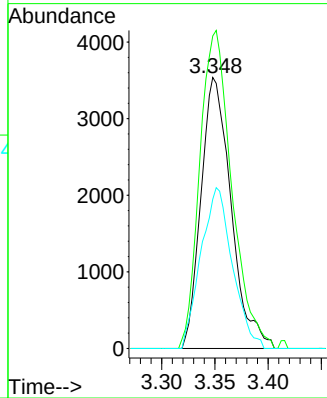
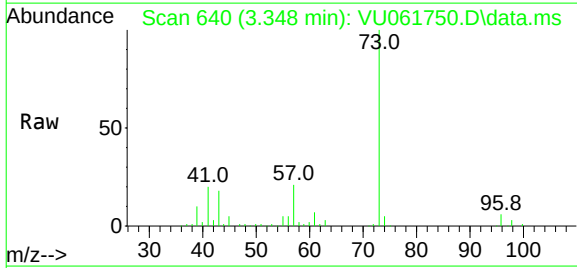




#18
trans-1,2-Dichloroethene
Concen: 0.642 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

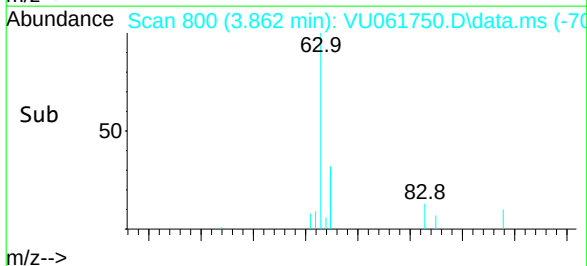
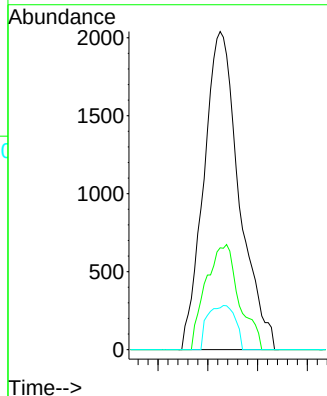
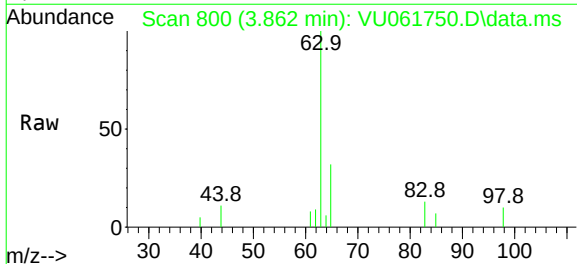
Instrument :
MSVOA_U
ClientSampleId :
H46T4DL

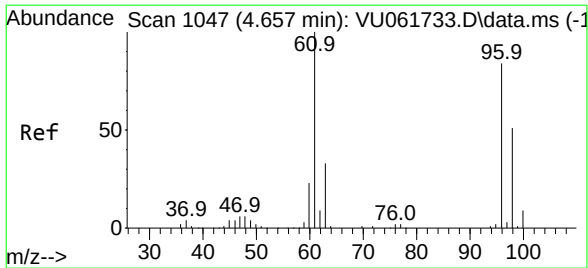
Tgt Ion:	96	Resp:	6965
Ion	Ratio	Lower	Upper
96	100		
61	115.3	94.1	174.8
98	55.1	43.2	80.2



#19
1,1-Dichloroethane
Concen: 0.255 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

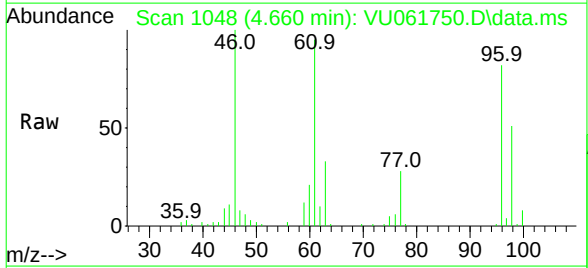
Tgt Ion:	63	Resp:	5032
Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.4	43.4
83	13.1	9.6	17.8





#22
 cis-1,2-Dichloroethene
 Concen: 1.961 ug/L
 RT: 4.660 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VU061750.D
 Acq: 16 Nov 2024 17:25

Instrument :
 MSVOA_U
 ClientSampleId :
 H46T4DL



Tgt Ion:	96	Resp:	23987
Ion	Ratio	Lower	Upper
96	100		
61	116.4	85.6	159.0
98	63.0	45.6	84.8

